

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

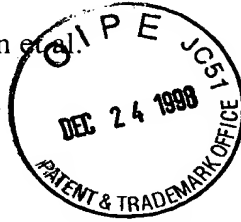
Degli-Esposti Rankin et al.

Attorney Docket No. : 2849-A

Serial No.: 08/943,776

Filed: October 3, 1997

For: Novel Receptor That Causes Cell Death



Group Art Unit: 1646

Examiner: Lorraine Spector

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE

Dear Sir:

In response to the Office Action mailed July 24, 1998 in connection with the above-referenced patent application, Applicant amends the Application as provided below. A request for an extension of time in which to respond to the outstanding Office Action and the appropriate fee accompanies this Amendment and Response.

In the Claims:

1. (amended) An isolated DNA selected from the group consisting of:
- (a) [a] DNA encoding a protein having an amino acid sequence of amino acids 1 through 417 of SEQ ID NO: 2;
 - (b) [a] DNA encoding a protein having an amino acid sequence of amino acids 1 through 411 of SEQ ID NO: [5]6;
 - (c) DNA molecules capable of hybridization to the DNA of (a) under stringent conditions that include 50°C, and 5X SSC, and which encode [biologically active AIR] a polypeptide capable of inducing apoptosis; and
 - (d) DNA molecules encoding biologically active fragments of proteins encoded by the DNA of (a), (b) or (c).

2. [The DNA according to claim 1, selected from the group consisting of] An oligonucleotide[s] consisting of a fragment of the nucleotides of SEQ ID NO:1 that encodes the cytoplasmic domain, the fragment being at least about 17 nucleotides in length, oligonucleotides of at least about 25 nucleotides in length, and oligonucleotides of at least about 30 nucleotides in length, having a nucleotide sequence derived from the DNA of SEQ ID NO:1 that encodes the cytoplasmic domain of apoptosis inducing receptor (AIR)].